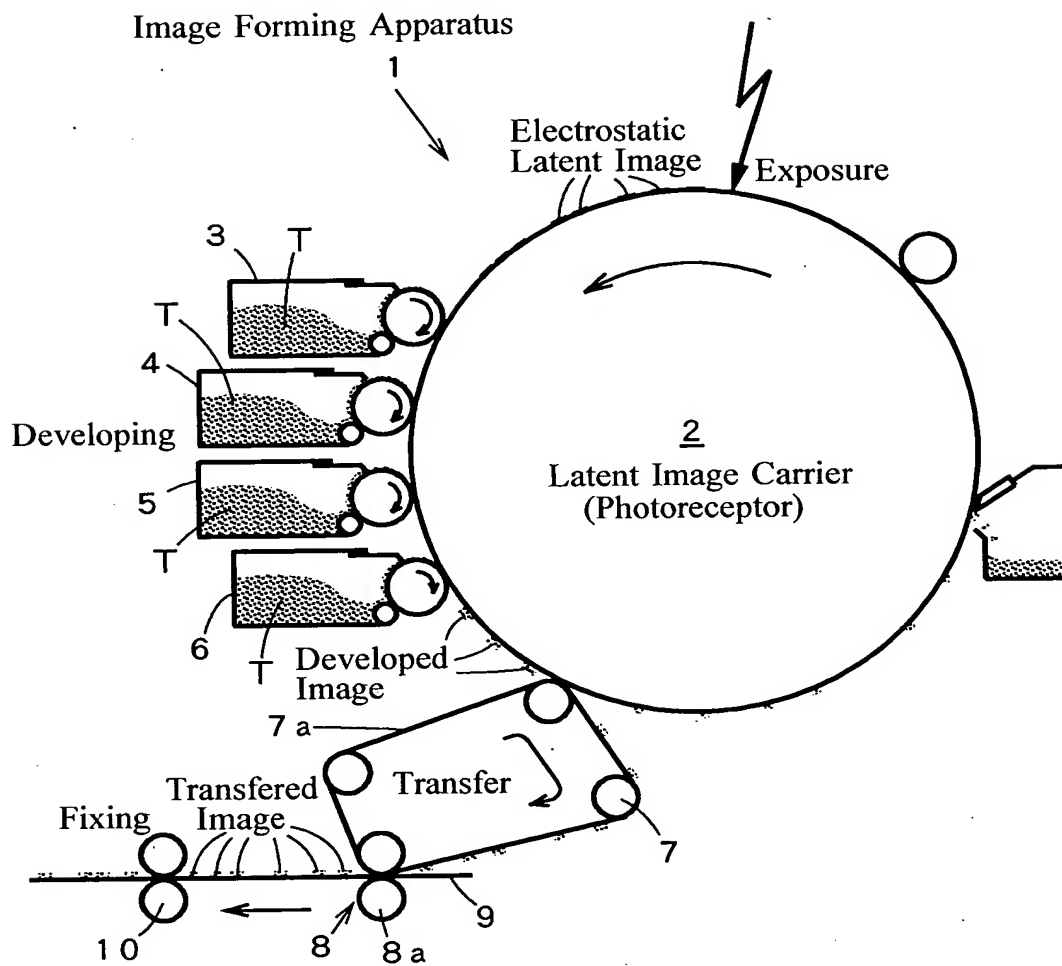


FIG. 1



1003695-120601

~~FIG. 2~~

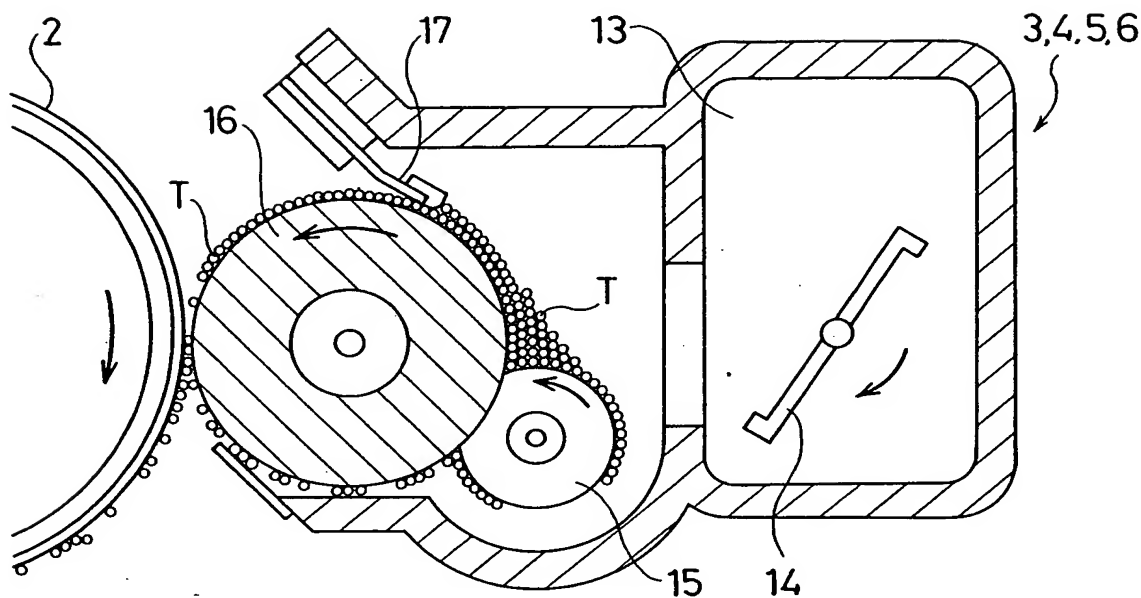


Fig 2(a)

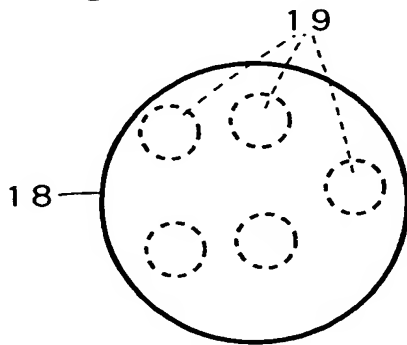


Fig 2(b)

FIG. 3

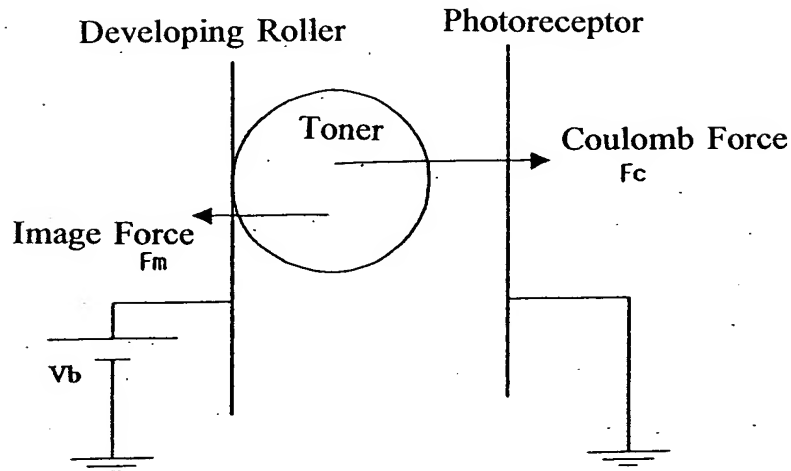
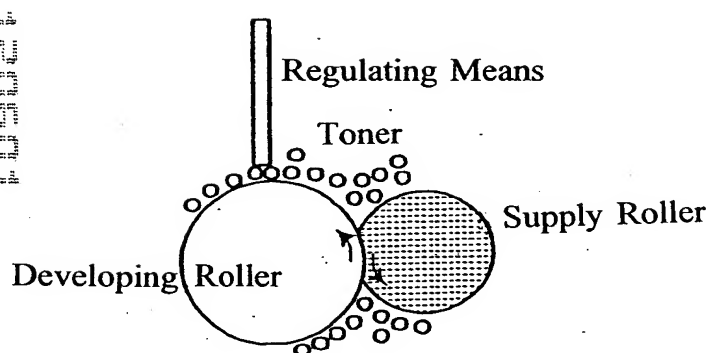
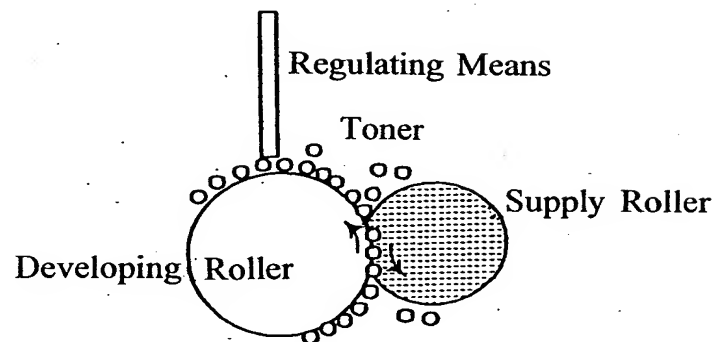


FIG. 4



Residual toner particles are peeled off so as to always allow the supply of new toner.

Fig 4(a)



Because image force is so large, residual toner particles can not be completely peeled off not to allow the supply of new toner, thereby increasing the amount of charge.

Fig 4(b)

FIG. 5

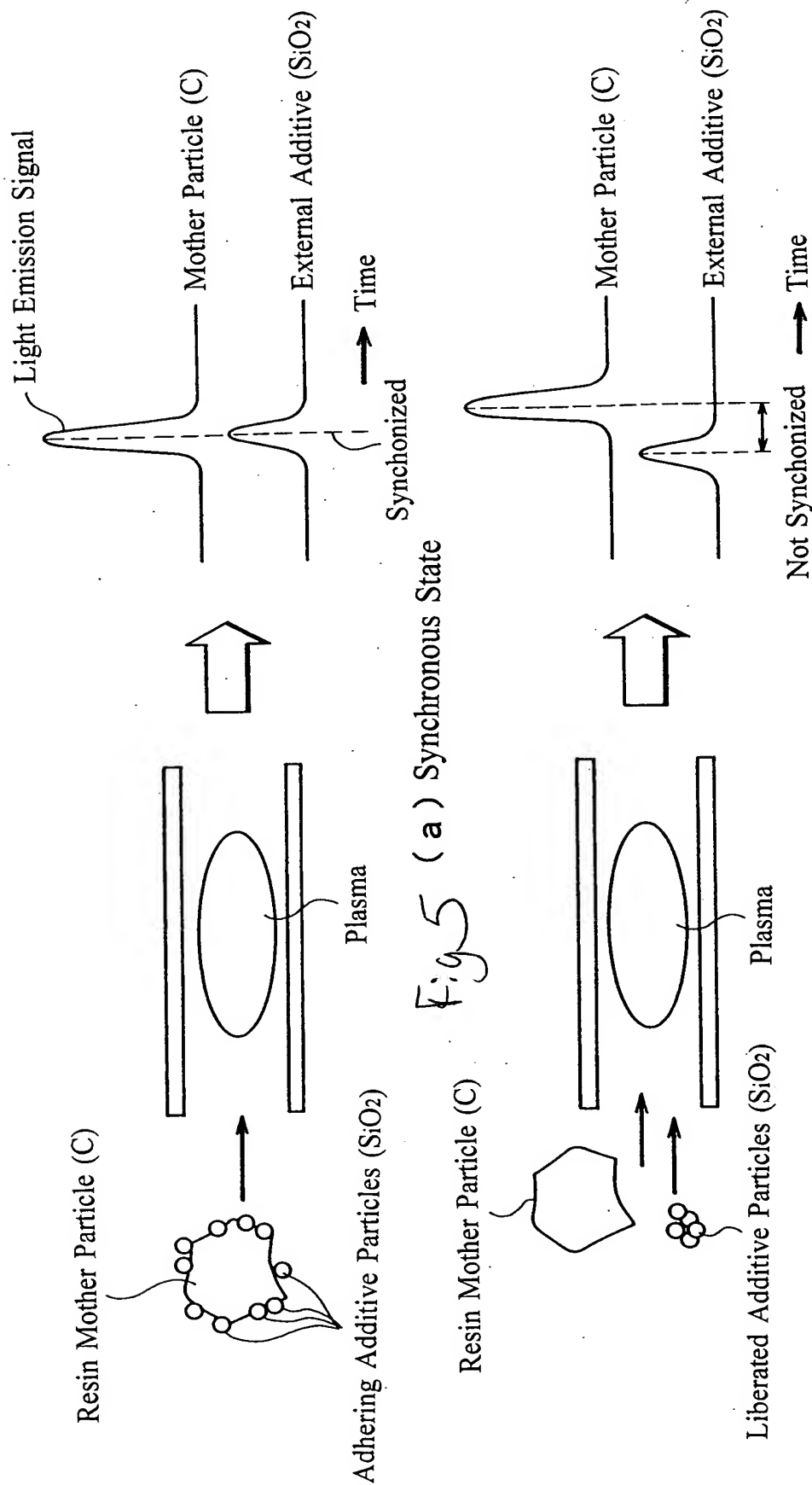


Fig 5 (a) Synchronous State

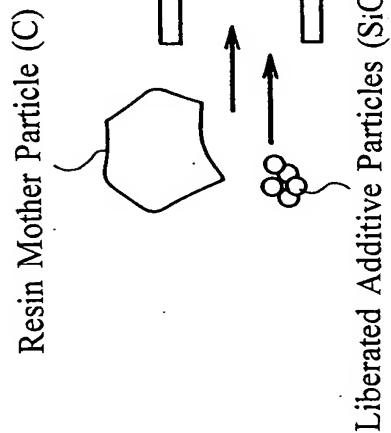


Fig 5 (b) Asynchronous State

FIG. 6

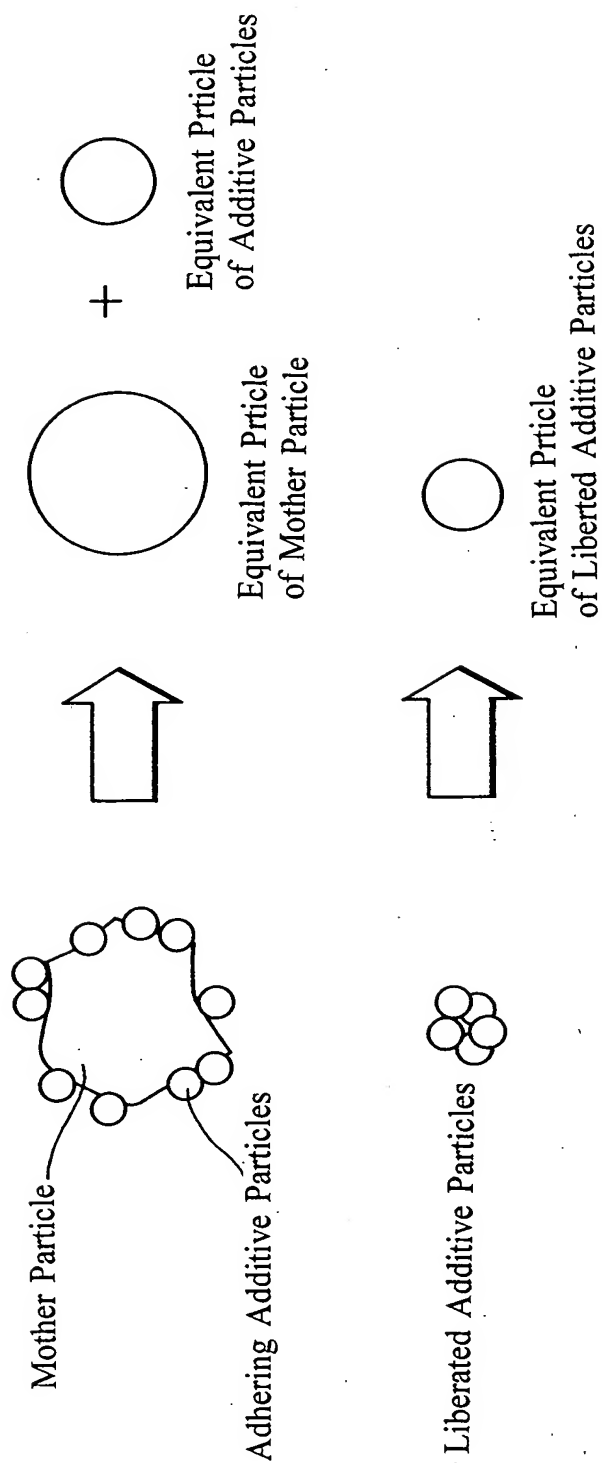


FIG. 7

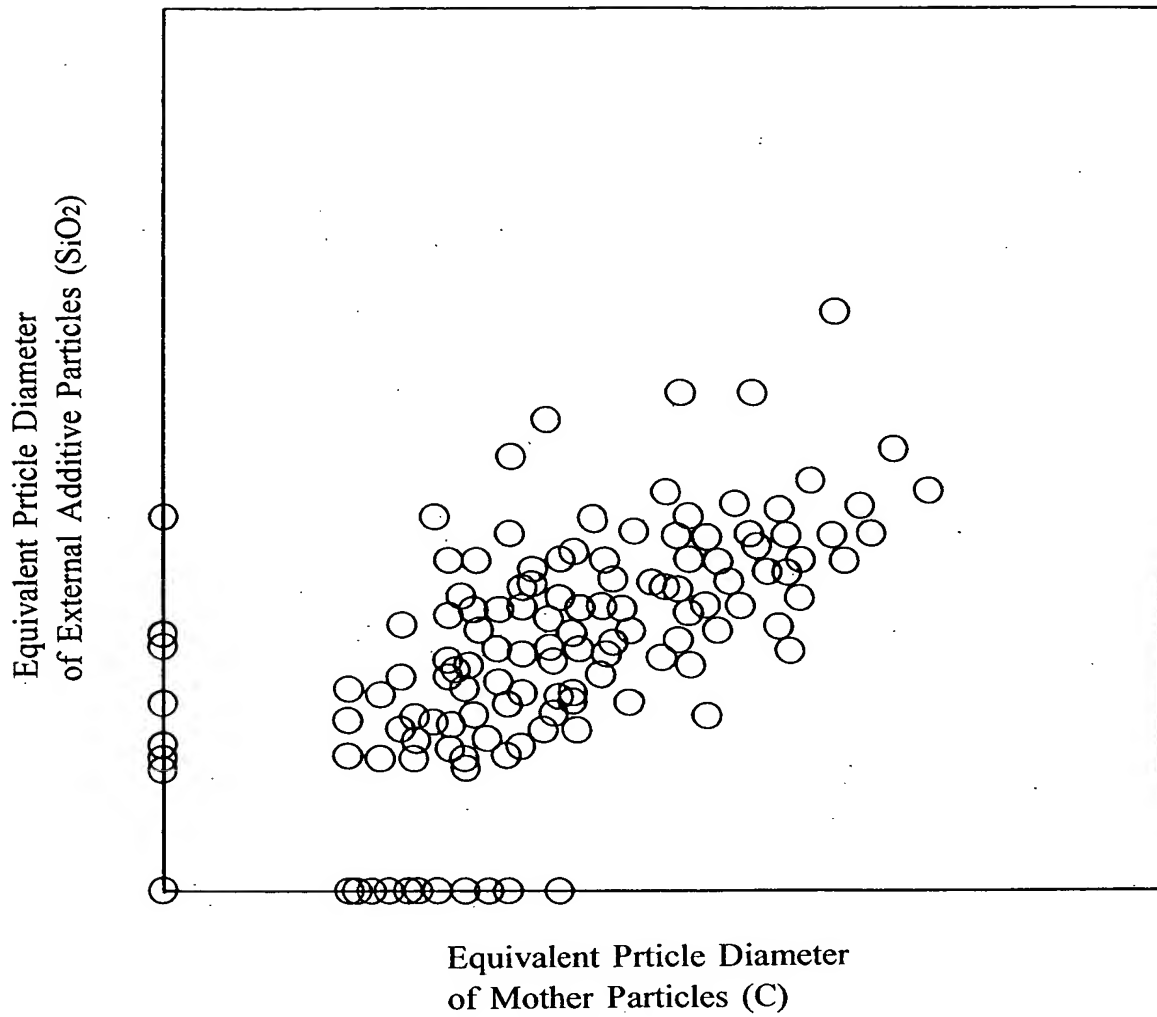


FIG. 8

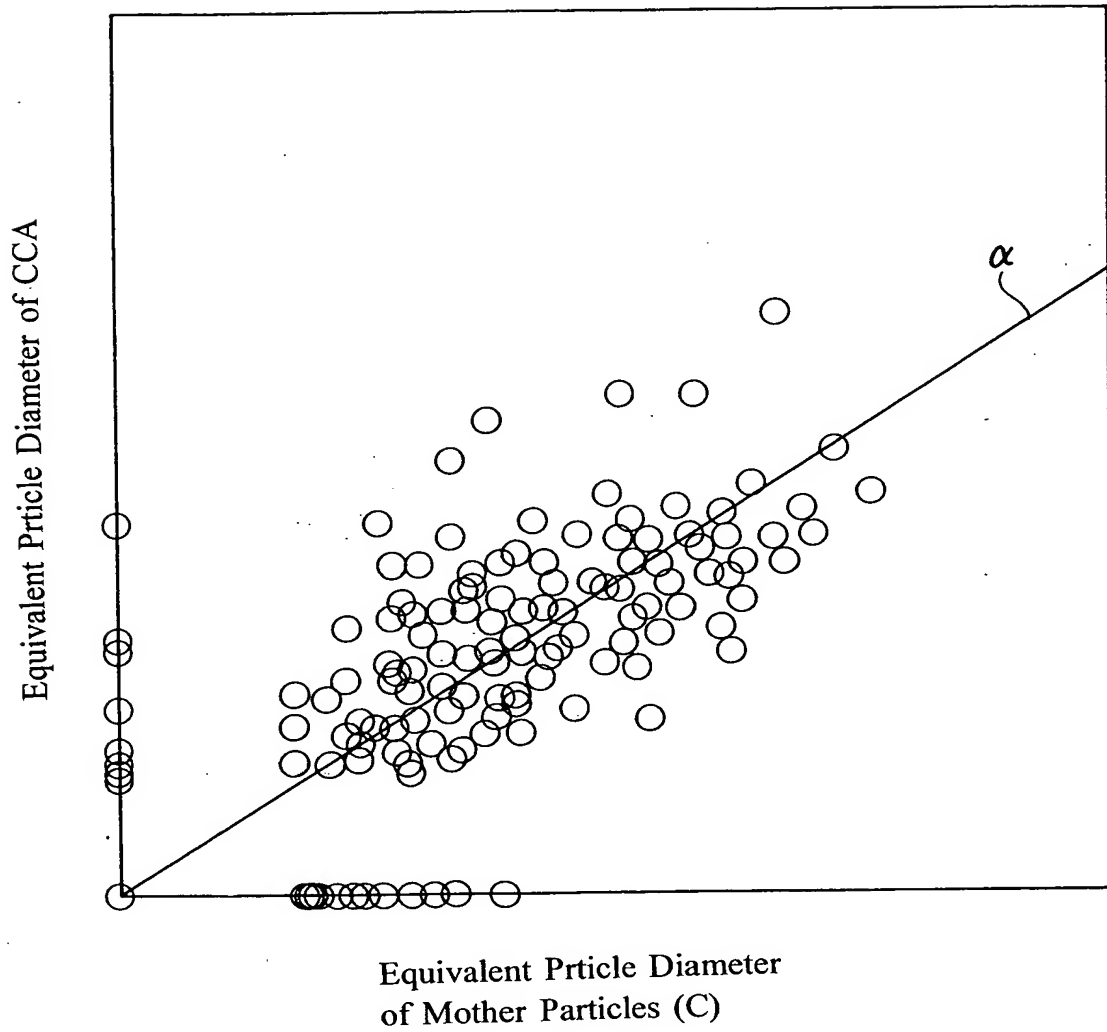
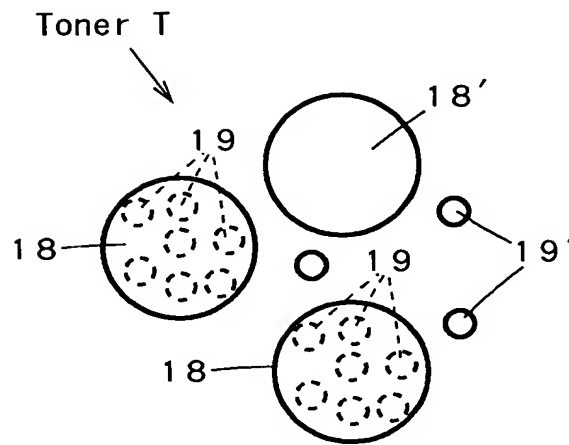


FIG. 9



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~~FIG. 10~~

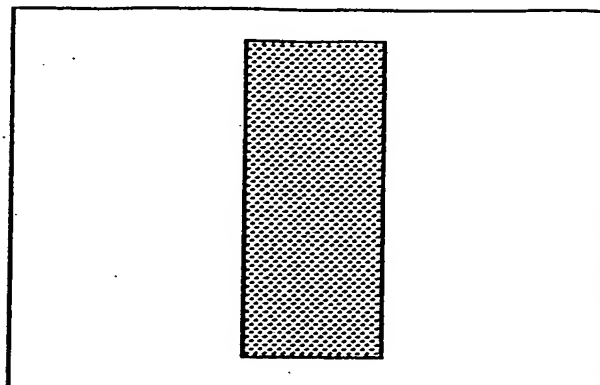
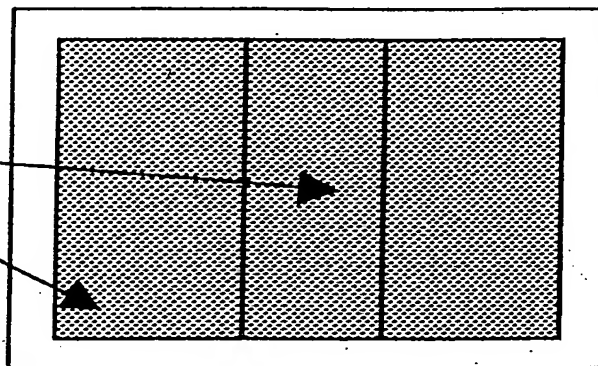


Fig 10(a)  
(a)



Evaluation depends on  
unevenness of density

Fig 10(b)  
(b)

~~FIG. 11~~

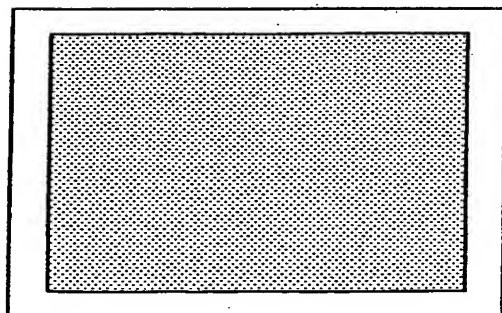


Fig 11 (a)

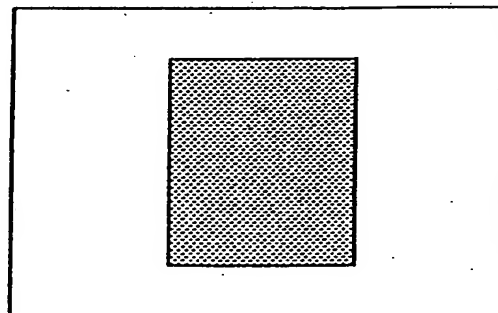


Fig 11 (b)

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